

Patient Information	Specimen Information	Client Information
[REDACTED]	Specimen: [REDACTED] Requisition: [REDACTED]	[REDACTED]
[REDACTED]	Collected: 03/17/2016 / 06:01 EDT Received: 03/17/2016 / 16:28 EDT Reported: 03/23/2016 / 20:35 EDT	[REDACTED]

COMMENTS: FASTING

Test Name	In Range	Out Of Range	Reference Range	Lab
COMP METAB PANEL				LI
GLUCOSE, FASTING	87		65-99 mg/dL	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.6		3.5-5.3 mmol/L	
CHLORIDE	103		98-110 mmol/L	
CARBON DIOXIDE	28		19-30 mmol/L	
UREA NITROGEN	16		7-25 mg/dL	
CREATININE	1.00		0.60-1.35 mg/dL	
BUN/CREATININE RATIO	NOTE		6-22	
Bun/Creatinine ratio is not reported when the Bun and Creatinine values are within normal limits.				
CALCIUM	9.9		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.1		6.1-8.1 g/dL	
ALBUMIN	4.8		3.6-5.1 g/dL	
GLOBULIN, CALCULATED	2.3		1.9-3.7 g/dL	
ALBUMIN/GLOBULIN RATIO	2.1		1.0-2.5 calc	
BILIRUBIN, TOTAL	0.7		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	57		40-115 U/L	
AST	24		10-40 U/L	
ALT	23		9-46 U/L	
EGFR NON AFR AMERICAN	98		>=60 mL/min/1.73m2	
EGFR AFRICAN AMERICAN	114		>=60 mL/min/1.73m2	
CBC (INCLUDES DIFF/PLT)				LI
WBC	8.1		3.8-10.8 Thous/mcL	
RBC	5.06		4.20-5.80 Mill/mcL	
HEMOGLOBIN	14.1		13.2-17.1 g/dL	
HEMATOCRIT	43.7		38.5-50.0 %	
MCV	86.4		80.0-100.0 fL	
MCH	27.8		27.0-33.0 pg	
MCHC	32.2		32.0-36.0 g/dL	
RDW	13.2		11.0-15.0 %	
PLATELET COUNT	207		140-400 Thous/mcL	
MPV	10.9		7.5-11.5 fL	
TOTAL NEUTROPHILS, %	60.7		38-80 %	
TOTAL LYMPHOCYTES, %	29.0		15-49 %	
MONOCYTES, %	8.2		0-13 %	
EOSINOPHILS, %	1.7		0-8 %	
BASOPHILS, %	0.4		0-2 %	
NEUTROPHILS, ABSOLUTE	4917		1500-7800 Cells/mcL	
LYMPHOCYTES, ABSOLUTE	2349		850-3900 Cells/mcL	
MONOCYTES, ABSOLUTE	664		200-950 Cells/mcL	
EOSINOPHILS, ABSOLUTE	138		15-500 Cells/mcL	
BASOPHILS, ABSOLUTE	32		0-200 Cells/mcL	
DIFFERENTIAL				
An instrument differential was performed.				
URINALYSIS, COMPLETE				LI
COLOR	Yellow		Yellow	
APPEARANCE	Clear		Clear	
GLUCOSE, QL	Negative		Negative	
BILIRUBIN, URINE	Negative		Negative	
KETONES	Negative		Negative	
SPECIFIC GRAVITY	1.019		1.001-1.035	

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Test Name	In Range	Out Of Range	Reference Range	Lab
BLOOD	Negative		Negative	
PH	6.0		5.0-8.0	
PROTEIN, TOTAL, QL	Negative		Negative	
NITRITE	Negative		Negative	
LEUKOCYTE ESTERASE	Negative		Negative	
SQUAMOUS EPITHELIAL CELLS	None Seen		<or=5 cells/hpf	
WBC	None Seen		<or=5 cells/hpf	
BACTERIA	None Seen		None Seen /hpf	
RBC	None Seen		<or=2 cells/hpf	
HYALINE CASTS	None Seen		None Seen /lpf	
ESTRADIOL	37		< OR = 39 pg/mL	LI

Reference range established on post-pubertal patient population. No pre-pubertal reference range established using this assay. For any patients for whom low estradiol levels are anticipated (e.g. males, pre-pubertal children, and hypogonadal/post-menopausal females), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LC/MS/MS assay is recommended (Order code 30289X).

Please note: patients being treated with the drug fulvestrant (Faslodex(R)) have demonstrated significant interference in immunoassay methods for estradiol measurement. The cross reactivity could lead to falsely elevated estradiol test results leading to an inappropriate clinical assessment of estrogen status. Quest Diagnostics order code 30289X-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.

PROGESTERONE		2.0 H	<1.4 ng/mL	LI
CORTISOL, A.M.				TBR
CORTISOL (AM)	16.0		4.0-22.0 mcg/dL	
DIHYDROTESTOSTERON, LCMSMS	30		16-79 ng/dL	QNI

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

TESTOSTERONE, FR (DIAL) TOT				AMD
TESTOSTERONE, TOT, LC/MS/MS	375		250-1100 ng/dL	

For more information on this test, go to <http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS>

TESTOSTERONE, FREE	79.9		35.0-155.0 pg/mL	
T3 REVERSE, LC/MS/MS	17		8-25 ng/dL	AMD

PERFORMING SITE:

AMD Quest Diagnostics Nichols Chantilly, 14225 Newbrook Drive, Chantilly, VA 20151 Laboratory Director: Patrick W. Mason, M.D., Ph.D., CLIA: 49D0221801
 LI Quest Diagnostics, 575 Underhill Blvd, Syosset, NY 11791 Laboratory Director: Michael Champ, M.D., CLIA: 33D0662981
 QNI Quest Diagnostics, Nichols Institute, 33608 Ortega Highway, San Juan Capistrano, CA 92675 Laboratory Director: Dr. Jon M. Nakamoto, CLIA: 05D0643352
 TBR Quest Diagnostics, One Malcolm Avenue, Teterboro, NJ 07608 Laboratory Director: Lawrence Tsao, M.D., CLIA: 31D0696246